

| Ref # | Hits   | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|------------------------------|------------------|---------|------------------|
| L1    | 1      | "6275239".pn.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/03/07 07:31 |
| L2    | 1      | "5774131".pn.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/03/07 07:31 |
| L3    | 3      | ("6043818").PN. OR ("6275239").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/03/07 07:31 |
| L4    | 8      | ("5432900"   "5491498"  <br>"5537608"   "5553220").PN. OR<br>("5774131").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/03/07 07:31 |
| L5    | 10     | ("5388237"   "5598542"  <br>"5613162"   "5774131"  <br>"5974480"   "5982672"  <br>"6167465"   "6205524"  <br>"6275877"   "6446151").PN. OR<br>("6795875").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/03/07 08:33 |
| L6    | 2      | "noise reduction" and "filter bank"<br>and "block switching"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/03/07 08:57 |
| L7    | 1      | "20030014264"   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/03/07 09:23 |
| L8    | 1      | "6427194".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/03/07 09:34 |
| L9    | 1      | "5908997".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/03/07 09:34 |
| S1    | 1      | "217172".ap.  | US-PGPUB                     | OR               | OFF     | 2004/05/03 13:51 |
| S2    | 1      | "918756".ap.  | US-PGPUB                     | OR               | OFF     | 2004/05/03 13:52 |
| S3    | 3214   | "internal memory" and "external<br>memory"  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/04/30 13:23 |
| S4    | 983    | ("internal memory" and "external<br>memory") and (audio sound)  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/04/30 13:25 |
| S5    | 725    | ((("internal memory" and "external<br>memory") and (audio sound)) and<br>(@ad @rlad)<="20000728")   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/04/30 13:25 |
| S6    | 231    | ((("internal memory" and "external<br>memory") and (audio sound)) and<br>(@ad @rlad)<="20000728")) and<br>noise   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/04/30 16:06 |
| S7    | 6      | kodama.in. and tomoya   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/03/03 17:44 |
| S8    | 149053 | memory and decod\$4   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/04/30 16:07 |

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| S9  | 118813 | (memory and decod\$4) and ((@ad @rlad)<="20000728"))   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/05 17:01 |
| S10 | 26986  | ((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio  | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:08 |
| S11 | 14218  | ((((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio) and (noise filter)  | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:09 |
| S12 | 2374   | ((((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio) and dma   | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:10 |
| S13 | 2121   | (((((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio) and dma) and processor   | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:10 |
| S14 | 608    | ((((((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio) and dma) and processor) and fetch   | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:11 |
| S15 | 605    | ((((((((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio) and dma) and processor) and fetch) and control\$4                             | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:12 |
| S16 | 517    | (((((((((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio) and dma) and processor) and fetch) and control\$4) and external              | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:12 |
| S17 | 396    | ((((((((((memory and decod\$4) and ((@ad @rlad)<="20000728")) and audio) and dma) and processor) and fetch) and control\$4) and external) and stream | US-PGPUB;<br>USPAT | OR | ON | 2004/04/30 16:13 |
| S18 | 0      | (noise same reduct\$4) and "filter bank"   | US-PGPUB;<br>USPAT | OR | ON | 2004/05/01 15:48 |
| S19 | 493    | (noise same reduct\$4) and "filter bank"   | US-PGPUB;<br>USPAT | OR | ON | 2004/05/01 15:48 |
| S20 | 0      | ((noise same reduct\$4) and "filter bank") and decod\$4) and "block switch\$4"   | US-PGPUB;<br>USPAT | OR | ON | 2004/05/01 15:49 |
| S21 | 1      | ((noise same reduct\$4) and "filter bank") and decod\$4) and "block switching"   | US-PGPUB;<br>USPAT | OR | ON | 2004/05/01 15:49 |
| S22 | 238    | ((noise same reduct\$4) and "filter bank") and decod\$4) and "block"   | US-PGPUB;<br>USPAT | OR | ON | 2004/05/01 15:49 |
| S23 | 251    | ((noise same reduct\$4) and "filter bank") and decod\$4  | US-PGPUB;<br>USPAT | OR | ON | 2004/05/01 15:50 |
| S24 | 200    | ((noise same reduct\$4) and "filter bank") and decod\$4) and ((@ad @rlad)<="20000728"))  | US-PGPUB;<br>USPAT | OR | ON | 2004/05/01 15:54 |

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| S25 | 53968 | (audio and video) and (((@ad @rlad)<="20000728"))   | US-PGPUB; USPAT | OR | ON  | 2004/05/01 15:54 |
| S26 | 35630 | ((audio and video) and (((@ad @rlad)<="20000728"))) and memory  | US-PGPUB; USPAT | OR | ON  | 2004/05/01 15:55 |
| S27 | 2823  | ((((audio and video) and (((@ad @rlad)<="20000728"))) and memory) and dma   | US-PGPUB; USPAT | OR | ON  | 2004/05/01 15:55 |
| S28 | 2809  | (((((audio and video) and (((@ad @rlad)<="20000728"))) and memory) and dma) and process\$4                                | US-PGPUB; USPAT | OR | ON  | 2004/05/01 15:56 |
| S29 | 1929  | (((((audio and video) and (((@ad @rlad)<="20000728"))) and memory) and dma) and process\$4) and external                  | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:06 |
| S30 | 228   | ((((((audio and video) and (((@ad @rlad)<="20000728"))) and memory) and dma) and process\$4) and external) and (dts ac-3) | US-PGPUB; USPAT | OR | ON  | 2004/05/01 15:58 |
| S31 | 196   | "audio decoder" and "external memory"   | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:06 |
| S32 | 129   | ("audio decoder" and "external memory") and (((@ad @rlad)<="20000728"))   | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:54 |
| S33 | 203   | 700/94.ccls. and (((@ad @rlad)<="20000728"))  | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:46 |
| S34 | 72    | (700/94.ccls. and (((@ad @rlad)<="20000728"))) and decoding   | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:45 |
| S35 | 4153  | "instruction memory" and "data memory"  | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:45 |
| S36 | 43    | ("instruction memory" and "data memory") and (audio adj2 (decoder decoding))  | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:46 |
| S37 | 31    | ((("instruction memory" and "data memory") and (audio adj2 (decoder decoding)))) and (((@ad @rlad)<="20000728"))          | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:54 |
| S38 | 568   | UMA   | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:54 |
| S39 | 420   | UMA and (((@ad @rlad)<="20000728"))   | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:54 |
| S40 | 47    | (UMA and (((@ad @rlad)<="20000728"))) and dma   | US-PGPUB; USPAT | OR | ON  | 2004/05/02 15:55 |
| S41 | 8015  | audio near5 processor   | US-PGPUB; USPAT | OR | OFF | 2004/05/02 18:36 |

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|-----|------|---|---|----|-----|------------------|
| S42 | 8388 | audio near5 processor   | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/05/02 18:36 |
| S43 | 6269 | (audio near5 processor) and<br>((@ad @rlad)<="20000728")  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/05/02 18:37 |
| S44 | 561  | ((audio near5 processor) and<br>((@ad @rlad)<="20000728")) and<br>fetch\$4  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/05/02 18:37 |
| S45 | 81   | ((audio near5 processor) and<br>((@ad @rlad)<="20000728")) and<br>fetch\$4) and (audio adj decod\$4)  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/05/02 18:37 |
| S46 | 35   | kodama.in. and tomoya   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/05/02 19:38 |
| S47 | 29   | kodama.in. and tomoya   | EPO; JPO;<br>DERWENT                        | OR | OFF | 2004/05/02 20:37 |
| S48 | 14   | ("5815206" "5982360" "6092119"<br>"6282631" "6539120" "5894586"<br>"6310921" "6512552" "6567426"<br>"6570579" "6226237" "6108584"<br>"6240492" "6058459" "6427194").<br>pn. | EPO; JPO;<br>DERWENT                        | OR | OFF | 2004/05/02 20:39 |
| S49 | 15   | ("5815206" "5982360" "6092119"<br>"6282631" "6539120" "5894586"<br>"6310921" "6512552" "6567426"<br>"6570579" "6226237" "6108584"<br>"6240492" "6058459" "6427194").<br>pn. | USPAT                                       | OR | OFF | 2004/05/02 20:43 |
| S50 | 0    | "05583".ap.   | USPAT                                       | OR | OFF | 2004/05/02 20:43 |
| S51 | 2    | "055583".ap.  | USPAT                                       | OR | OFF | 2004/05/02 20:44 |
| S52 | 2    | "217172".ap.  | USPAT                                       | OR | OFF | 2004/05/02 20:47 |
| S53 | 1    | "198854".ap.  | USPAT                                       | OR | OFF | 2004/05/03 06:38 |
| S54 | 1    | "915348".ap.  | US-PGPUB                                    | OR | OFF | 2004/05/03 06:40 |
| S55 | 55   | "single chip".ti.   | US-PGPUB                                    | OR | OFF | 2004/05/03 06:40 |
| S56 | 329  | "single chip".ti.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2004/05/03 06:41 |
| S57 | 39   | "single chip".ti. and (audio)   | US-PGPUB;<br>USPAT                          | OR | OFF | 2004/05/03 06:41 |
| S58 | 33   | ("single chip".ti. and (audio)) and<br>((@ad @rlad)<="20000728")  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/05/03 07:40 |
| S59 | 4    | ("6310921").pn. "217172".ap.  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/05/03 07:37 |
| S60 | 5633 | "internal memory" and (ROM "data<br>memory") and (RAM "instruction<br>memory")  | US-PGPUB;<br>USPAT                          | OR | ON  | 2004/05/03 07:40 |

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| S61 | 469   | "internal memory" and "data memory" and "instruction memory"   | US-PGPUB; USPAT   | OR | ON  | 2004/05/03 07:40 |
| S62 | 392   | ("internal memory" and "data memory" and "instruction memory") and ((@ad @rlad)<="20000728")               | US-PGPUB; USPAT   | OR | ON  | 2004/05/03 07:40 |
| S63 | 68    | ((("internal memory" and "data memory" and "instruction memory") and ((@ad @rlad)<="20000728"))) and audio | US-PGPUB; USPAT   | OR | ON  | 2004/05/03 07:40 |
| S64 | 2     | "915348".ap.   | US-PGPUB          | OR | OFF | 2005/03/03 17:44 |
| S65 | 0     | ("2002/0013633").URPN.   | USPAT             | OR | OFF | 2005/03/03 17:45 |
| S66 | 11800 | "direct memory access"   | USPAT             | OR | OFF | 2005/03/03 17:45 |
| S67 | 2553  | S66 and audio  | USPAT             | OR | OFF | 2005/03/03 17:45 |
| S68 | 2553  | S67 and memory   | USPAT             | OR | OFF | 2005/03/03 17:45 |
| S69 | 2291  | S68 and ((@ad @rlad)<="20000728")  | US-PGPUB; USPAT   | OR | ON  | 2005/03/03 17:45 |
| S70 | 2116  | S69 and (processor decode decoding decoder)  | US-PGPUB; USPAT   | OR | ON  | 2005/03/03 17:46 |
| S71 | 290   | S70 and "external memory"  | US-PGPUB; USPAT   | OR | ON  | 2005/03/04 11:48 |
| S72 | 1     | "739380".ap.   | US-PGPUB          | OR | ON  | 2005/03/04 13:01 |
| S73 | 2     | "20010005824"  | US-PGPUB; DERWENT | OR | ON  | 2005/03/04 13:01 |
| S74 | 624   | 700/94.ccls.   | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 17:01 |
| S75 | 240   | S74 and ((@ad @rlad)<="20000728")  | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 18:59 |
| S76 | 162   | S75 and (processor)  | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 17:02 |
| S77 | 178   | S75 and (decod\$ processor) and (memory storage)   | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 17:08 |
| S78 | 1     | "6757574".pn.  | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 18:55 |
| S79 | 962   | audio.clm. and dma   | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 18:58 |
| S80 | 0     | "xu mei" and "381".clas. and dock  | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 18:56 |
| S81 | 0     | "xu mei" and "700".clas. and dock  | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 18:56 |
| S82 | 0     | "xu mei" and "700".clas. and dock\$  | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 18:56 |
| S83 | 0     | "xu mei" and "381".clas. and dock\$  | US-PGPUB; USPAT   | OR | ON  | 2005/03/05 18:56 |

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| S84      | 4     | (xu near mei) and "381".clas. and dock\$  | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 18:56 |
| S85      | 0     | audio.clm. and dma6 and (processor decod\$)   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 18:58 |
| S86      | 901   | S79 and (processor decod\$)   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 18:59 |
| S87      | 899   | S86 and (memory storage)  | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 18:59 |
| S88      | 664   | S87 and ((@ad @rlad)<="20000728")   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 18:59 |
| S89      | 63    | S88 and (coprocessor)   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:23 |
| S90      | 28467 | dma   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:23 |
| S91      | 5420  | S90 and audio   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:24 |
| S92      | 7530  | "dma controller"  | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:24 |
| S93      | 2152  | S92 and audio   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:24 |
| S94      | 363   | S93 and coprocessor   | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:25 |
| S95      | 71459 | dram  | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:25 |
| S96      | 0     | "381.clas" and S95  | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:25 |
| S97      | 49    | S95 and 700/94.ccls.  | US-PGPUB; USPAT        | OR | ON  | 2005/03/05 19:26 |
| S98      | 601   | S88 not S89   | US-PGPUB; USPAT        | OR | OFF | 2005/03/05 19:39 |
| S99      | 73    | S98 and (audio near processor)  | US-PGPUB; USPAT        | OR | OFF | 2005/03/05 19:39 |
| S10<br>0 | 11    | ("5502573"   "5596369"   "5630105"   "5675424"   "5949891"   "5959684"   "6012116"   "6018765"   "6105127"   "6157770"   "6226291").PN. OR ("6782368"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/05 19:43 |
| S10<br>1 | 7     | ("5442747"   "5649029"   "5784119"   "5946052").PN. OR ("6310921").URPN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/05 19:44 |
| S10<br>2 | 2     | "915348".ap.  | US-PGPUB               | OR | OFF | 2005/03/07 07:15 |
| S10<br>3 | 1     | "5774131".pn.   | US-PGPUB; USPAT        | OR | OFF | 2005/03/07 07:15 |

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| S10<br>4 | 8 | ("5432900"   "5491498"  <br>"5537608"   "5553220").PN. OR<br>("5774131").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/03/07 07:15 |
|----------|---|--|------------------------------|----|-----|------------------|